

Current session 13/01/2003

(C) QUESTEL 1994

QUESTEL.ORBITE (TM) 1998

13/01/03 15*40*22

Last connection: 10/01/03 20*14*40

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- New Patent Citation Commands: easy & precise - INFO PATCITE
- USPCL: US Patent Class Definition Look-up File - INFO USPCL
- Derwent Manual Code Definition Look-up File - INFO DWPIMC
- FRTM - FRPATENT : changes. New thing FRTM - INFO INPI
..FILE / ..INFO / ..GUIDE

Query/Command : FILE PLUSPAT

QUESTEL - Time in minutes : 0,73

The cost estimation below is based on Questel's
standard price list

	Estimated cost :	0.68 USD
Cost estimated for the last database search :		0.68 USD
Estimated total session cost	:	0.68 USD

Selected file: PLUSPAT

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New Patent Citation Commands & FAM Citation Report - see INFO PATCITE

Last update of file: 2003/01/03 (YYYY/MM/DD) 2003-01/UP (basic update)

Search statement 1

Query/Command : US5997817/PN

** SS 1: Results 1

Search statement 2

Query/Command : PRT FULL NONSTOP LEGALALL

1/1 PLUSPAT - ©QUESTEL-ORBIT

PN - US5997817 A 19991207 [US5997817]

TI - (A) Electrochemical biosensor test strip

PA - (A) ROCHE DIAGNOSTICS CORP (US)

- IN** - (A) CRISMORE WILLIAM F (US); SURRIDGE NIGEL A (US); MCMINN DANIEL R (US); BODENSTEINER RICHARD J (US); DIEBOLD ERIC R (US); DELK R DALE (US); BURKE DAVID W (US); HO JIAXIONG JASON (US); EARL ROBERT KITCHEL (US); HEALD BRIAN A (US)
- AP** - US98584097 19971205 [1997US-0985840]
- PR** - US98584097 19971205 [1997US-0985840]
- IC** - (A) G01N-033/48
- EC** - C12Q-001/00B6B
G01N-033/543K2B
- PCL** - ORIGINAL (O) : 204403100; CROSS-REFERENCE (X) : 204403120 204403140 324692000 422058000 422082010 435817000
- DT** - Corresponding document
- CT** - US4224125; US4254083; US4413407; US4473457; US4543326; US4684445; US4758323; US4810633; US4820399; US4830959; US4894137; US4897173; US4959305; US4999582; US4999632; US5120420; US5141868; US5192415; US5243516; US5264103; US5288636; US5352351; US5354447; US5366609; US5395504; US5405511; US5413690; US5437999; US5438271; US5508171; US5575895; US5798031; EP0010456 B1; EP0080304 A1; EP0127958 B1; EP0136362 B1; EP0170375 A2; EP0206218 A2; EP0230472 A1; EP0359831 A1; EP0400918 A1; EP0537761 A2; EP0732406 A1; JP60-173457; JP60-173458; JP60-173459; JP61-90050; JP63-58149; JP63-128252; JP63-139246; JP63-317758; JP63-317757; JP64-23153; JP1-114746; JP1-114747; JP1-134244; JP1-156658; GB2154003; GB2204408; WO8908713
Williams et al., "Electrochemical-Enzymatic Analysis of Blood Glucose and Lactate," Analytical Chemistry, Monsanto Company (Everett, Massachusetts), vol. 42 (No. 1), pp. 118-121 (Jan. 1970).
- Jonathan Lee Talbott, "Enzymatic Amperometry of Glucose," a Ph.D. Dissertation for The Pennsylvania State University, The Graduate School, Department of Chemistry (Jan. 1988).
- Nankai et al., "disposable Glucose Sensor Using Hexacyanoferrate(III) As A Mediator," Japanese Sensor Newsletter, Edison Sensor Technology Center, Case Western Reserve University (Cleveland, Ohio), vol. 3 (No. 1), pp. 16-20 (Mar. 1989).
- STG** - (A) United States patent
- AB** - An electrochemical biosensor test strip with four new features. The test strip includes an indentation for tactile feel as to the location of the strips sample application port. The sample application port leads to a capillary test chamber, which includes a test reagent. The wet reagent includes from about 0.2% by weight to about 2% by weight polyethylene oxide from about 100 kilodaltons to about 900 kilodaltons mean molecular weight, which makes the dried reagent more hydrophilic and sturdier to strip processing steps, such as mechanical punching, and to mechanical manipulation by the test strip user. The roof of the capillary test chamber includes a transparent or translucent window which operates as a "fill to here" line, thereby identifying when enough test sample (a liquid sample, such as blood) has been added to the test chamber to accurately perform a test. The test strip may further include a notch located at the sample application port. The notch reduces a phenomenon called "dose hesitation".

1 / 1 LGST - ©LEGSTAT

PN - US 5997817 [US5997817]

DT - US-P
ACT - 19971205 US/AE-A
APPLICATION DATA (PATENT)
US 985840/97 19971205 [1997US-0985840]

19991207 US/A
PATENT

20020806 US/RF
REISSUE APPLICATION FILED
20011207
UP - 2002-35

1 / 1 CRXX - ©CLAIMS/RRX

PN - 5,997,817 A 19991207 [US5997817]
PA - Roche Diagnostics Corp
ACT - 20011207 REISSUE REQUESTED
ISSUE DATE OF O.G.: 20020806
REISSUE REQUEST NUMBER: 10/088788
EXAMINATION GROUP RESPONSIBLE FOR REISSUEPROCESS: 1743

Reissue Patent Number:

1 / 1 PAST - ©Thomson Derwent

AN - 200232-001620
PN - 5997817 A [US5997817]
OG - 2002-08-06
ACT - REISSUE APPLICATION FILED

Query/Command : FILE INPADOC

PLUSPAT - Time in minutes : 0,95
The cost estimation below is based on Questel's
standard price list

Estimated cost :	2.21 USD
Records displayed and billed :	1
Estimated cost :	1.25 USD
Cost estimated for the last database search :	3.46 USD
Estimated total session cost :	4.14 USD

LGST - Time in minutes : 0,09
The cost estimation below is based on Questel's
standard price list

Estimated cost :	0.11 USD
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Estimated cost :	0.60 USD
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Estimated total session cost :	4.85 USD

CRXX - Time in minutes : 0,29
The cost estimation below is based on Questel's
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Estimated total session cost :		10.28 USD

PAST - Time in minutes : 0,08
The cost estimation below is based on Questel's
standard price list

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Estimated total session cost :		16.36 USD

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The cost estimation below is based on Questel's
standard price list

	Estimated cost :	0.04 USD
Cost estimated for the last database search :		0.04 USD
Estimated total session cost :		16.40 USD

Selected file: INPADOC

You are now connected to INPADOC
Covers 1968/1973 thru weekly updates (2002-52)
For information on content, ..INFO INPD.

Search statement 1

Query/Command : FAM US5997817/PN

1 Patent Groups

** SS 1: Results 21

Search statement 2

Query/Command : FAMSTATE NONSTOP

1 / 21 INPADOC.- ©INPADOC

PN - AU 732761 B2 20010426 [AU-732761]
TI - IMPROVED ELECTROCHEMICAL BIOSENSOR TEST STRIP
IN - CRISMORE WILLIAM F; SURRIDGE NIGEL A; MCMINN DANIEL R; DIEBOLD
ERIC R; BODENSTEINER RICHARD J; DELK R DALE; BURKE DAVID W; HO
JIAXIONG JASON; EARL ROBERT KITCHEL; HEALD BRIAN A
PA - ROCHE DIAGNOSTICS CORP

AP - AU 16194/99-A 19981202 [1999AU-0016194]
PR - US 985840/97-A 19971205 [1997US-0985840]
WO 9825554/98(US)-W 19981202 [1998WO-US25554]
IC - G01N-033/48

2 / 21 INPADOC - ©INPADOC

PN - AU 16194/99 A1 19990628 [AU9916194]
TI - IMPROVED ELECTROCHEMICAL BIOSENSOR TEST STRIP
IN - CRISMORE WILLIAM F; SURRIDGE NIGEL A; MCMINN DANIEL R; DIEBOLD
ERIC R; BODENSTEINER RICHARD J; DELK R DALE; BURKE DAVID W; HO
JIAXIONG JASON; EARL ROBERT KITCHEL; HEALD BRIAN A
PA - BOEHRINGER MANNHEIM CORP
AP - AU 16194/99-A 19981202 [1999AU-0016194]
PR - US 985840/97-A 19971205 [1997US-0985840]
WO 9825554/98(US)-W 19981202 [1998WO-US25554]
IC - G01N-033/48

3 / 21 INPADOC - ©INPADOC

PN - BR 9815122 A 20001010 [BR9815122]
TI - TIRA DE TESTE DE BIOSSENSOR ELETROQUIMICO APERFEICOADA
IN - CRISMORE WILLIAM F; SURRIDGE NIGEL A; MCMINN DANIEL R; DIEBOLD
ERIC R; BODENSTEINER RICHARD J; DELK R DALE; BURKE DAVID W; HO
JIAXIONG JASON; EARL ROBERT KITCHEL; HEALD BRIAN A
PA - ROCHE DIAGNOSTICS CORP [US]
AP - BR 9815122/98-A 19981202 [1998BR-0015122]
PR - US 985840/97-A 19971205 [1997US-0985840]
WO 9825554/98(US)-W 19981202 [1998WO-US25554]
IC - G01N-033/48

4 / 21 INPADOC - ©INPADOC

PN - CA 2309280 AA 19990617 [CA2309280]
TI - IMPROVED ELECTROCHEMICAL BIOSENSOR TEST STRIP
LA - ENG
IN - BODENSTEINER RICHARD J [US]; DELK R DALE [US]; HO JIAXIONG JASON [US];
SURRIDGE NIGEL A [US]; HEALD BRIAN A [US]; MCMINN DANIEL R [US];
DIEBOLD ERIC R [US]; CRISMORE WILLIAM F [US]; EARL ROBERT KITCHEL
[US]; BURKE DAVID W [US]
PA - ROCHE DIAGNOSTICS CORP [US]
AP - CA 2309280/98-A 19981202 [1998CA-2309280]
PR - US 985840/97-A 19971205 [1997US-0985840]
WO 9825554/98(US)-W 19981202 [1998WO-US25554]
IC - G01N-033/48

1 / 1 LEGALI - ©LEGSTAT

PN - CA 2309280 [CA2309280]
DT - CA-P
ACTE - 20000508 CA/REFW-P
CORRESPONDS TO PCT APPLICATION
<WO 9930152> [WO9930152]
UP - 2000-42

5 / 21 INPADOC - ©INPADOC

PN - CN 1280673 T 20010117 [CN1280673]
TI - IMPROVED ELECTROCHEMICAL BIOSENSOR TEST STRIP
IN - CRISMORE WILLIAM F [US]; SURRIDGE NIGEL A [US]; MCMINN DANIEL R [US]
PA - ROCHE DIAGNOSIS CO [US]
AP - CN 98811850/98-A 19981202 [1998CN-0811850]
PR - US 985840/97-A 19971205 [1997US-0985840]
IC - G01N-033/48

6 / 21 INPADOC - ©INPADOC

PN - DE 29824204 U1 20001026 [DE29824204]
TI - VERBESSERTER ELEKTROCHEMISCHER BIOSENSOR-TESTSTREIFEN
PA - ROCHE DIAGNOSTICS CORP [US]
AP - DE 29824204/98-U 19981202 [1998DE-2024204]
PR - US 985840/97-A 19971205 [1997US-0985840]
WO 9825554/98(US)-W 19981202 [1998WO-US25554]
IC - G01N-033/48

7 / 21 INPADOC - ©INPADOC

PN - EP 1036320 A1 20000920 [EP1036320]
TI - IMPROVED ELECTROCHEMICAL BIOSENSOR TEST STRIP
LA - ENG
IN - CRISMORE WILLIAM F [US]; SURRIDGE NIGEL A [US]; MCMINN DANIEL R [US];
DIEBOLD ERIC R [US]; BODENSTEINER RICHARD J [US]; DELK R DALE [US];
BURKE DAVID W [US]; HO JIAXIONG JASON [US]; EARL ROBERT KITCHEL [US];
HEALD BRIAN A [US]
PA - ROCHE DIAGNOSTICS CORP [US]
AP - EP 98960645/98-A 19981202 [1998EP-0960645]
PR - WO 9825554/98(US)-W 19981202 [1998WO-US25554]
US 985840/97-A 19971205 [1997US-0985840]
IC - G01N-033/48
DS - BE* CH* DE* DK* ES* FI* FR* GB* GR* IT* LI* NL* PT* SE*

1 / 1 LEGALI - ©LEGSTAT

PN - EP 1036320 [EP1036320]
AP - EP 98960645/98 19981202 [1998EP-0960645]
DT - EP-P
ACTE - 19981202 EP/AE-A
EP-APPLICATION
EP 98960645/98 19981202 [1998EP-0960645]

20000920 EP/AK-A1 [+]
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH
REPORT:
BE CH DE DK ES FI FR GB GR IT LI NL PT SE

20000920 EP/A1 [+]
PUBLICATION OF APPLICATION WITH SEARCH REPORT

20000920 EP/17P [+]
REQUEST FOR EXAMINATION FILED
20000628

20010228 EP/RIN1
INVENTOR (CORRECTION)
CRISMORE, WILLIAM, F. * SURRIDGE, NIGEL, A. * MCMINN, DANIEL, R. *
DIEBOLD, ERIC, R. * BODENSTEINER, RICHARD, J. * DELK, R., DALE * BURKE,
DAVID, W. * HO, JIAXIONG, JASON * EARL, ROBERT, KITCHEL * HEALD,
BRIAN, A.

20010301 EP/DET
DE: TRANSLATION OF PATENT CLAIMS

20010316 EP/REG; ES/BA2A
ES: PROVISIONAL PROTECTION
2153808T1
<ES>

UP - 2001-13

8 / 21 INPADOC - ©INPADOC

PN - EP 1036320 TD 20010301 [EP1036320]
TI - VERBESSESTE ELEKTROCHEMISCHE BIOSENSOR-TESTSTREIFEN
IN - CRISMORE F [US]; SURRIDGE A [US]; MCMINN R [US]; DIEBOLD R [US];
BODENSTEINER J [US]; DELK DALE [US]; BURKE W [US]; HO JASON [US]; EARL
KITCHEL [US]; HEALD A [US]
PA - ROCHE DIAGNOSTICS CORP [US]
AP - EP 98960645/98-A 19981202 [1998EP-0960645]
PR - US 985840/97-A 19971205 [1997US-0985840]
WO 9825554/98(US)-W 19981202 [1998WO-US25554]

IC - G01N-033/48

1 / 1 LEGALI - ©LEGSTAT

PN - EP 1036320 [EP1036320]
AP - EP 98960645/98 19981202 [1998EP-0960645]
DT - EP-P
ACTE - 19981202 EP/AE-A
EP-APPLICATION
EP 98960645/98 19981202 [1998EP-0960645]

20000920 EP/AK-A1 [+]
DESIGNATED CONTRACTING STATES IN AN APPLICATION WITH SEARCH
REPORT:
BE CH DE DK ES FI FR GB GR IT LI NL PT SE

20000920 EP/A1 [+]
PUBLICATION OF APPLICATION WITH SEARCH REPORT

20000920 EP/17P [+]
REQUEST FOR EXAMINATION FILED
20000628

20010228 EP/RIN1
INVENTOR (CORRECTION)
CRISMORE, WILLIAM, F. * SURRIDGE, NIGEL, A. * MCMINN, DANIEL, R. *
DIEBOLD, ERIC, R. * BODENSTEINER, RICHARD, J. * DELK, R., DALE * BURKE,
DAVID, W. * HO, JIAXIONG, JASON * EARL, ROBERT, KITCHEL * HEALD,
BRIAN, A.

20010301 EP/DET
DE: TRANSLATION OF PATENT CLAIMS

20010316 EP/REG; ES/BA2A
ES: PROVISIONAL PROTECTION
2153808T1
<ES>

UP - 2001-13

9 / 21 INPADOC - ©INPADOC

PN - ES 2153808 T1 20010316 [ES2153808]
TI - TIRA DE ENSAYO CON BIOSENSOR ELECTROQUIMICO MEJORADA.
IN - CRISMORE WILLIAM F [US]; SURRIDGE NIGEL A [US]; MCMINN DANIEL R [US];
DIEBOLD ERIC R [US]; BODENSTEINER RICHARD J [US]; DELK R DALE [US]
PA - ROCHE DIAGNOSTICS CORP
AP - ES 98960645/98-EP 19981202 [1998EP-0960645]
PR - US 985840/97-A 19971205 [1997US-0985840]

IC - G01N-033/48

1 / 1 LEGALI - ©LEGSTAT

PN - ES 2153808 [ES2153808]
DT - ES-P
ACTE - 20010316 ES/BA2A
PROVISIONAL PROTECTION
1036320
UP - 2001-13

10 / 21 INPADOC - ©INPADOC

PN - JP 2001526388 T2 20011218 [JP2001526388]
AP - JP 2000524660/00-A 19981202 [2000JP-0524660]
PR - US 985840/97-A 19971205 [1997US-0985840]
WO 9825554/98(US)-W 19981202 [1998WO-US25554]
IC - G01N-033/543; G01N-033/66

11 / 21 INPADOC - ©INPADOC

PN - JP 2002277429 A2 20020925 [JP2002277429]
AP - JP 2002037440/02-A 20020214 [2002JP-0037440]
PR - US 985840/97-A 19971205 [1997US-0985840]
IC - G01N-027/327; G01N-027/416

12 / 21 INPADOC - ©INPADOC

PN - JP 2002303599 A2 20021018 [JP2002303599]
AP - JP 2002037434/02-A 20020214 [2002JP-0037434]
PR - US 985840/97-A 19971205 [1997US-0985840]
IC - G01N-027/327; G01N-027/02; G01N-027/28; G01N-027/416

13 / 21 INPADOC - ©INPADOC

PN - JP 2002310973 A2 20021023 [JP2002310973]
AP - JP 2002037436/02-A 20020214 [2002JP-0037436]
PR - US 985840/97-A 19971205 [1997US-0985840]
IC - G01N-027/327; C12M-001/34; G01N-027/00; G01N-027/28; G01N-027/416; G01N-033/66

14 / 21 INPADOC - ©INPADOC

PN - JP 3342477 B2 20021111 [JP3342477]
AP - JP 2000524660/00-A 19981202 [2000JP-0524660]
PR - US 985840/97-A 19971205 [1997US-0985840]

WO 9825554/98(US)-W 19981202 [1998WO-US25554]

IC - G01N-027/327; G01N-033/543; G01N-033/66

15 / 21 INPADOC - ©INPADOC

PN - NO 20002844 A 20000602 [NO200002844]

TI - FORBEDRET ELEKTROKJEMISK BIOSENSORTTESTSTRIMMEL

IN - CRISMORE WILLIAM F [US]; SURRIDGE NIGEL A [US]; MCMINN DANIEL R [US];
DIEBOLD ERIC R [US]; BODENSTEINER RICHARD J [US]; DELK R DALE [US];
BURKE DAVID W [US]; HO JIAXIONG JASON [US]; EARL ROBERT KITCHEL [US];
HEALD BRIAN A [US]

PA - ROCHE DIAGNOSTICS CORP [US]

AP - NO 20002844/00-A 20000602 [2000NO-0002844]

PR - US 985840/97-A 19971205 [1997US-0985840]
WO 9825554/98(US)-W 19981202 [1998WO-US25554]

IC - G01N-033/48

16 / 21 INPADOC - ©INPADOC

PN - NO 20002844 A0 20000602 [NO200002844]

TI - FORBEDRET ELEKTROKJEMISK BIOSENSORTTESTSTRIMMEL

IN - CRISMORE WILLIAM F [US]; SURRIDGE NIGEL A [US]; MCMINN DANIEL R [US];
DIEBOLD ERIC R [US]; BODENSTEINER RICHARD J [US]; DELK R DALE [US];
BURKE DAVID W [US]; HO JIAXIONG JASON [US]; EARL ROBERT KITCHEL [US];
HEALD BRIAN A [US]

PA - ROCHE DIAGNOSTICS CORP [US]

AP - NO 20002844/00-A 20000602 [2000NO-0002844]

PR - US 985840/97-A 19971205 [1997US-0985840]
WO 9825554/98(US)-W 19981202 [1998WO-US25554]

IC - G01N-000/00

17 / 21 INPADOC - ©INPADOC

PN - NZ 504527 A 20021025 [NZ-504527]

TI - ELECTROCHEMICAL BIOSENSOR TEST STRIP

IN - SURRIDGE NIGEL A; MCMINN DANIEL R; DIEBOLD ERIC R; BODENSTEINER
RICHARD J; DELK DALE R; BURKE DAVID W; HO JIAXIONG JASON; EARL
ROBERT KITCHEL; HEALD BRIAN A; CRISMORE WILLIAM F

PA - ROCHE DIAGNOSTICS CORP

AP - NZ 504527/98-A 19981202 [1998NZ-0504527]

PR - US 985840/97-A 19971205 [1997US-0985840]
WO 9825554/98(US)-W 19981202 [1998WO-US25554]

IC - G01N-033/48; G01N-027/327; G01N-033/52; C08L-071/02

18 / 21 INPADOC - ©INPADOC

PN - US 6254736 BA 20010703 [US6254736]
TI - METHOD OF SELECTIVELY INCREASING THE HYDROPHILICITY OF A WEB
IN - EARL ROBERT KITCHEL [US]; HEALD BRIAN A [US]
PA - ROCHE DIAGNOSTICS CORP [US]
AP - US 386562/99-A 19990831 [1999US-0386562]
PR - US 386562/99-A 19990831 [1999US-0386562]
US 985840/97-A3 19971205 [1997US-0985840]
IC - B01J-019/08

1 / 1 LEGALI - ©LEGSTAT

PN - US 6254736 [US6254736]
DT - US-P
ACTE - 20020611 US/CC
CERTIFICATE OF CORRECTION
UP - 2002-30

19 / 21 INPADOC - ©INPADOC

PN - US 6270637 BA 20010807 [US6270637]
TI - ELECTROCHEMICAL BIOSENSOR TEST STRIP
IN - CRISMORE WILLIAM F [US]; SURRIDGE NIGEL A [US]; MCMINN DANIEL R [US];
BODENSTEINER RICHARD J [US]; DIEBOLD ERIC R [US]; DELK R DALE [US];
BURKE DAVID W [US]; HO JIAXIONG JASON [US]; EARL ROBERT KITCHEL [US];
HEALD BRIAN A [US]
PA - ROCHE DIAGNOSTICS CORP [US]
AP - US 386210/99-A 19990831 [1999US-0386210]
PR - US 386210/99-A 19990831 [1999US-0386210]
US 985840/97-A3 19971205 [1997US-0985840]
IC - G01N-027/26

1 / 1 LEGALI - ©LEGSTAT

PN - US 6270637 [US6270637]
AP - US 386210/99 19990831 [1999US-0386210]
DT - US-P
ACTE - 19990831 US/AE-A
APPLICATION DATA (PATENT)
US 386210/99 19990831 [1999US-0386210]

20010807 US/BA
PATENT (NO PREVIOUS PRE-GRANT PUBLICATION)
UP - 2001-35

20 / 21 INPADOC - ©INPADOC

PN - US 5997817 A 19991207 [US5997817]
TI - ELECTROCHEMICAL BIOSENSOR TEST STRIP
IN - CRISMORE WILLIAM F [US]; SURRIDGE NIGEL A [US]; MCMINN DANIEL R [US];
BODENSTEINER RICHARD J [US]; DIEBOLD ERIC R [US]; DELK R DALE [US];
BURKE DAVID W [US]; HO JIAXIONG JASON [US]; EARL ROBERT KITCHEL [US];
HEALD BRIAN A [US]
PA - ROCHE DIAGNOSTICS CORP [US]
AP - US 985840/97-A 19971205 [1997US-0985840]
PR - US 985840/97-A 19971205 [1997US-0985840]
IC - G01N-033/48

1 / 1 LEGALI - ©LEGSTAT

PN - US 5997817 [US5997817]
AP - US 985840/97 19971205 [1997US-0985840]
DT - US-P
ACTE - 19971205 US/AE-A
APPLICATION DATA (PATENT)
US 985840/97 19971205 [1997US-0985840]

19991207 US/A
PATENT

20020806 US/RF
REISSUE APPLICATION FILED
20011207
UP - 2002-35

21 / 21 INPADOC - ©INPADOC

PN - WO 9930152 A1 19990617 [WO9930152]
TI - IMPROVED ELECTROCHEMICAL BIOSENSOR TEST STRIP
LA - ENG
IN - CRISMORE WILLIAM F; SURRIDGE NIGEL A; MCMINN DANIEL R; DIEBOLD
ERIC R; BODENSTEINER RICHARD J; DELK R DALE; BURKE DAVID W; HO
JIAXIONG JASON; EARL ROBERT KITCHEL; HEALD BRIAN A
PA - BOEHRINGER MANNHEIM CORP [US]
AP - WO US 9825554/98(US)-A 19981202 [1998WO-US25554]
PR - US 985840/97-A 19971205 [1997US-0985840]
IC - G01N-033/48
DS -
AL* AM* AT* AU* AZ* BA* BB* BG* BR* BY* CA* CH* CN* CU* CZ* DE* DK*
EE* ES* FI* GB* GE* GH* GM* HR* HU* ID* IL* IS* JP* KE* KG* KP* KR* KZ*
LC* LK* LR* LS* LT* LU* LV* MD* MG* MK* MN* MW* MX* NO* NZ* PL* PT*
RO* RU* SD* SE* SG* SI* SK* SL* TJ* TM* TR* TT* UA* UG* UZ* VN* YU* ZW*
GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF CG CI CM GA GN GW ML

MR NE SN TD TG

1 / 3 LEGALI - ©LEGSTAT

PN - JP 524660/2000
AP - JP 524660/2000 0 [2000JP-0524660]
DT - JP-A
ACTE - 20000605 JP/REFW-P
CORRESPONDS TO PCT APPLICATION
<WO 9930152> WO9930152
UP - 2002-09

2 / 3 LEGALI - ©LEGSTAT

PN - CA 2309280 [CA2309280]
DT - CA-P
ACTE - 20000508 CA/REFW-P
CORRESPONDS TO PCT APPLICATION
<WO 9930152> [WO9930152]
UP - 2000-42

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PN - WO 9930152 [WO9930152]
AP - WO 9825554/98(US) 19981202 [1998WO-US25554]
DT - WO-P
ACTE - 19981202 WO/AE-A
APPLICATION DATA
WO 9825554/98(US) 19981202 [1998WO-US25554]

19990617 WO/AK-A1 [+]

DESIGNATED STATES CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT

AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE ES FI GB GE GH
GM HR HU ID IL IS JP KE KG KP KR KZ LC LK LR LS LT LU LV MD MG MK MN
MW MX NO NZ PL PT RO RU SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU
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DESIGNATED COUNTRIES FOR REGIONAL PATENTS CITED IN A PUBLISHED APPLICATION WITH SEARCH REPORT

GH GM KE LS MW SD SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE CH CY
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MR NE SN TD TG

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PUBLICATION OF THE INTERNATIONAL APPLICATION WITH THE
INTERNATIONAL SEARCH REPORT

19990818 WO/121

EP: THE EPO HAS BEEN INFORMED BY WIPO THAT EP WAS DESIGNATED IN
THIS APPLICATION

20000406 WO/REG; DE/8642 [-]

DE: IMPACT ABOLISHED FOR DE
<DE>

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REQUEST FOR PRELIMINARY EXAMINATION FILED PRIOR TO EXPIRATION OF
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20000508 WO/ENP-AA

ENTRY INTO THE NATIONAL PHASE IN:
<CA 2309280>

20000605 WO/ENP-A

ENTRY INTO THE NATIONAL PHASE IN:
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20000605 WO/NENP

NON-ENTRY INTO THE NATIONAL PHASE IN:
<KR>

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DE: IMPACT ABOLISHED FOR DE
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